Reviewer’s report

Title: Antimalarial Activity of 80% Methanolic Extract of Brassica nigra (L.) Koch. (Brassicaceae) Seeds against Plasmodium berghei Infection in Mice

Version: 0 Date: 25 Aug 2015

Reviewer: Saw Bawm

Reviewer's report:

The manuscript entitled 'Antimalarial Activity of 80% Methanolic Extract of Brassica nigra (L.) Koch. (Brassicaceae) Seeds against Plasmodium berghei Infection in Mice' by Muluye et al describes in vivo antimalarial activity of Brassica nigra. The study is well-designed and results are interpreted carefully. I have only a few comments.

Major revision required

1. Did you test acute toxicity test?

Although the same plant has been conducted for this test in previous study (Praveen et al., IJPI. 2013; 3:73-84), the content of active compounds of plant usually depends on the geographical variations.

(2) Did you check PCV of the mice?

In most parasitaemia experiment, PCV should be observed.

(3) Do you know in vitro activity of this plant?

Minor revision required

1. In Introduction,

Page 2, Line 84 to 101 should be combined as same paragraph. In order to compact introduction, please rewrite and summarise again, it is not necessary to describe in detail about plant characteristics (Line 86 to 93).

2. Please recheck again the format accordance with Journal style

Please change '1. Introduction' as "Background"; '2. MATERIALS AND METHODS' as "Methods" etc. whereas number is not necessary.
Are the methods appropriate and well described?  
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?  
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?  
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?  
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English  
Please indicate the quality of language in the manuscript:

Acceptable

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